

PATENT
Serial No. 09/787,339
Amendment in Reply to Final Office Action mailed on December 21, 2005

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A record carrier carrying a stereo signal and a data signal, said stereo signal being recorded in a first channel using a first physical feature on said record carrier, characterized in that the data signal comprises a first portion and a remaining portion, said first portion being combined with said stereo signal to obtain a composite signal being recorded using said first physical feature on said record carrier and the remaining portion being recorded in a second channel using a second physical feature on said record carrier different from said first physical feature.

2. (Original) The record carrier as claimed in claim 1, characterized in that said first portion being combined with said

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stereo signal by using buried data techniques.

3. (Previously Presented) The record carrier as claimed in claim 1, characterized in that the data signal comprises a data compressed multichannel extension signal being a representation of a multichannel extension signal.

4. (Original) The record carrier as claimed in claim 3, characterized in that the multichannel extension signal comprises a center channel signal.

5. (Previously Presented) The record carrier as claimed in claim 4, characterized in that the multichannel extension signal comprises a surround left signal and a surround right signal.

6. (Previously Presented) The record carrier as claimed in claim 3, characterized in that the data compressed multichannel extension signal is a perceptually encoded representation of the multichannel extension signal.

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7. (Previously Presented) The record carrier as claimed in claim 3, characterized in that the first portion represents a partial representation of the multichannel extension signal.

8. (Previously Presented) The record carrier as claimed in claim 1 characterized in that said first physical feature is represented by first variations of a first physical parameter of the record carrier and said second physical feature is represented by second variations of a second physical parameter of the record carrier, said second physical parameter differing from said first physical parameter.

9. (Previously Presented) The record carrier as claimed in claim 1, characterized in that said composite signal in said first channel and said remaining portion in said second channel being obtained by n to m channel modulation of the composite signal into a sequence of m-bit channel words, insertion of p merging bits between said m-bit channel words, said merging bits being modified in response to said remaining portion.

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10. (Previously Presented) The record carrier as claimed in claim 1, characterized in that said composite signal in said first channel and said remaining portion in said second channel being obtained by processing the composite signal into a sequence of q byte blocks, insertion of a r byte subcode between said q byte blocks, at least one bit of said r byte subcode being obtained in response to said remaining portion.

11. (Currently Amended) The record carrier as claimed in claim 10, characterized in that said composite signal in said first channel and said remaining portion in said second channel being obtained by further channel encoding of the sequence of q byte blocks and r byte ~~subcodes~~ subcodes.

Claims 12-26 (Canceled)

27. (Previously Presented) The record carrier as claimed in claim 1 characterized in that said first physical feature further comprises a first optically detectable indicia within the record carrier and said second physical feature further comprises a second

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optically detectable indicia different from said first optically
detectable indicia.

Claims 28-29 (Canceled)